

VERIFIED  
CERTIFICATE of ACHIEVEMENT

HarvardX

This is to certify that

**Ahmed Hatem Abdelhamid Ali**

successfully completed and received a passing grade in

**CS50: CS50's Introduction to Computer Science**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



David J. Malan

Gordon McKay Professor  
of the Practice of Computer Science

Harvard University



VERIFIED CERTIFICATE  
Issued September 25, 2019

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